



NSF NRT Training program in Intelligent Adaptive Systems Grand Kick-off event and Inaugural Lecture

Nov 3, 2016 @ KL232, 2pm

On Neuromorphic Computing, Building a Brain and the Goal of Intelligent Adaptive Systems

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Abstract: Ideas from computing and brain function pervade efforts to build intelligent adaptive systems. After many decades of trying, however, our efforts seem stalled by a number of conceptual difficulties. In this talk I will try to disentangle these ideas, offer comments on the current conceptual limitations and speculate on paths forward. I will present a retrospective on the DARPA SyNAPSE neuromorphic computing program, an overview of neuromorphic computing today, a discussion of the current computing technology landscape, a discussion of conceptual barriers for the creation of intelligent adaptive systems and speculate on paths forward. I believe that the resolution of these challenges will mark a new era for humanity, driven by powerful new technical capabilities and a new understanding of ourselves.

**Talk: 2-3pm; followed by reception, meet-up and Q&A session (3-4pm).
Refreshments will be served at the reception!**



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Grand kickoff event @ KL 232
Thursday, November 3, 2016 2-4pm

To apply for the program, participate in events or learn more please visit: nrt-ias.org
For further details email: nrt-ias@ucmerced.edu